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Substitute for form 1449/PTO  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if known</b>		
				Application Number	10/616,137	
Sheet		1	of	1	Filing Date	July 9, 2003
					First Named Inventor	Patrick Young
					Art Unit	2621
					Examiner Name	James J. Groody
					Attorney Docket Number	ST-4 DIV CON 6

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/RC/		4,873,584	10-10-1989	Hashimoto	
/RC/		6,430,358	08-06-2002	Yuen et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>2</sup> - Kind Code <sup>2</sup>			
NON PATENT LITERATURE DOCUMENTS					
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Examiner Signature	/Robert Chevalier/			Date Considered	03/16/2007

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(10-01)

PTO/SB/08A

Approved for use through 10/31/2002. OMB 0651-0031

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 4

## **Complete if known**

Application Number	10/616,137
Filing Date	July 9, 2003
First Named Inventor	Patrick Young
Art Unit	2615
Examiner Name	Not Yet Assigned
Attorney Docket Number	ST-4 FWC DIV CON 6

## **U.S. PATENT DOCUMENTS**

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/RC/		3,848,193	11-12-1974	Martin et al.	
/RC/		3,893,049	07-01-1975	Bray	
/RC/		4,162,513	07-24-1979	Beyers et al.	
/RC/		4,224,644	09-23-1980	Lewis et al.	
/RC/		4,288,809	09-08-1981	Yabe	
/RC/		4,325,081	04-13-1982	Abe et al.	
/RC/		4,338,644	07-06-1982	Staar	
/RC/		4,339,798	07-13-1982	Hedges et al.	
/RC/		4,347,498	08-31-1982	Lee et al.	
/RC/		4,422,105	12-20-1983	Rodesch et al.	
/RC/		4,425,579	01-10-1984	Merrell	
/RC/		4,429,385	01-31-1984	Cichelli et al.	
/RC/		4,495,654	01-22-1985	Deiss	
/RC/		4,496,171	01-29-1985	Cherry	
/RC/		4,620,229	10-28-1986	Amano et al.	
/RC/		4,641,205	02-03-1987	Beyers, Jr.	
/RC/		4,691,351	09-01-1987	Hayashi et al.	
/RC/		4,701,794	10-20-1987	Froling et al.	
/RC/		4,739,406	04-19-1988	Morton et al.	
/RC/		4,789,962	12-06-1988	Berry et al.	
/RC/		4,807,052	02-21-1989	Amano	
/RC/		4,812,940	03-14-1989	Takenaga	
/RC/		4,847,696	07-11-1989	Matsumoto et al.	
/RC/		4,879,611	11-07-1989	Fukui et al.	
/RC/		4,885,775	12-05-1989	Lucas	
/RC/		4,908,707	03-13-1990	Kinghorn	
/RC/		4,977,455	12-11-1990	Young	
/RC/		4,989,104	01-29-1991	Schulein et al.	
/RC/		5,027,400	06-25-1991	Baji et al.	
/RC/		5,047,867	09-10-1991	Strubbe et al.	
/RC/		5,187,589	02-18-1993	Kono et al.	
/RC/		5,231,493	07-27-1993	Apitz	
/RC/		5,253,066	10-12-1993	Vogel	

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/RC/		5,323,234	06-21-1994	Kawasaki	
/RC/		5,353,121	10-04-1994	Young et al.	
/RC/		5,412,720	05-02-1995	Hoarty	
/RC/		5,479,266	12-26-1995	Young et al.	
/RC/		5,479,268	12-26-1995	Young et al.	
/RC/		5,508,815	04-16-1996	Levine	
/RC/		5,523,796	06-04-1996	Marshall et al.	
/RC/		5,528,304	06-18-1996	Cherrick et al.	
/RC/		5,532,754	07-02-1996	Young et al.	
/RC/		5,559,548	09-24-1996	Davis et al.	
/RC/		5,583,560	12-10-1996	Florin et al.	
/RC/		5,585,838	12-17-1996	Lawler et al.	

FOREIGN PATENT DOCUMENTS						
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/RC/		DE 2918846	11-13-1980	Grundig EMV		
/RC/		EP 0 051 228	05-15-1982	Kabushiki Kaisha Toshiba		
/RC/		GB A-2155713	09-25-1985	RCA Corp.		
/RC/		DE 3337204	04-25-1985	TELEFUNKEN FERNSEH & RUNDFUNK		
/RC/		JP 62008389	01-16-1987	Matsushita Electric Ind. Co. Ltd.		
/RC/		JP 62066493	03-25-1987	Sanyo Electric Co.		
/RC/		JP 62-125-077	08-08-1987	Mitsubishi Heavy Ind. Ltd.		
/RC/		WO 87/00884	02-12-1987	HIB Promotion AB		
/RC/		DE 3623924	02-11-1988	Grundig EMV		
/RC/		JP 63-54884	03-1988			
/RC/		WO 88/04507	06-16-1988	British Broadcasting Corporation		
/RC/		JP 63276069	11-14-1988	Fuji Xerox Co. Ltd.		
/RC/		WO 89/03085	04-06-1989	FOX		

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				Filing Date	July 9, 2003
				First Named Inventor	Patrick Young
				Art Unit	2615
				Examiner Name	Not Yet Assigned
Sheet	3	of	4	Attorney Docket Number	ST-4 FWC DIV CON 6

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/RC/		JP 1-78328	05-26-1989	Canon		
/RC/		JP 0115098	06-13-1989	NEC Corp.		
/RC/		JP 01142918	06-05-1989	Matsushita Electric Ind. Co. Ltd.		
/RC/		GB 2210526	06-07-1989	Gold Star Co.		
/RC/		JP 1-209399	08-23-1989	Hitachi Ltd.		
/RC/		EP 0337336	10-18-1989	RCA Thomson Licensing Corporation		
/RC/		GB 22 17144	10-18-1989	Tokyo Shibaura Electric Co.		
/RC/		JP 1-307944	12-12-1989	Patorama Res KK		
/RC/		JP 2113318	04-25-1990	Hitachi Ltd.		
/RC/		EP 393955	10-24-1990	Sony Corporation		
/RC/		DE 3921847	01-17-1991	Grundig EMV		
/RC/		EP 0444496	09-04-1991	Hitachi Ltd.		
/RC/		EP 0488379	06-03-1992	Matsushita Electric Industrial Co., Ltd.		
/RC/		DE 4240187	06-01-1994	Siemens AG		
/RC/		WO 95/32583	11-30-1995	TV Guide On Screen		

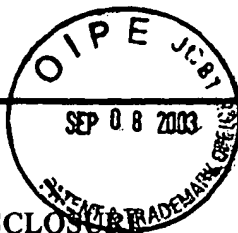
NON PATENT LITERATURE DOCUMENTS			
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/RC/		James, A., "Oracle-Broadcasting the Written Word," Wireless World, Jul. 1973.	
/RC/		Edwardson et al., "CEEFA: A Proposed New Broadcasting Service," SMPTE Journal, Jan. 1974, Vol. 83, pp. 14-19.	
/RC/		Edmondson et al., "NBC Switching Central," SMPTE Journal, Oct. 1976, Vol. 85, No. 10, pp. 795-805.	
/RC/		Roizen, Joseph, "Teletext in USA," Jul. 1981, pp. 602-610.	
/RC/		Hoffman et al., "Videotext Programmiert Videorecorder," Sept. 1982, 9 pages.	
/RC/		Printed materials on "Time's Teletext Service," 1982-1983, pp. V79175, V79142, V79143, V79148, and V79151.	
/RC/		"Bluelagoon," Don Snider Demo Videotape on TVIS System, San Diego & Orlando Broadcast, 1983, Screen Shot (V79392).	
/RC/		Symposium Record Broadcast Sessions, 14 <sup>th</sup> International TV Symposium, Montreux, Switzerland, Jun. 6-12, 1985, 9 pages.	
/RC/		Von Gerhard Eitz and Karl-Ulrich Oberlies, "Videotext Programmiert Videoheimgerate (VPV)," Sep. 1986, pp. 223-229; Translation of Eitz and Oberlies Article, 10 pages.	
/RC/		Kruger, H. Eckart, "Digital Video Identification System VIS," German, 9 pages; Translation, 11 pages.	

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/RC/		Ziesel et al., "An Interactive Menu-Driven Remote Control Unit for TV-Receivers and VC-Recorders," IEEE Transactions on Consumer Electronics, Aug. 1988, Vol. 34, No. 3, pp. 814-818.	
/RC/		TV Guide, San Francisco Metropolitan Schedule, Feb. 6, 1989.	
/RC/		Systems as described in DIP II ad.	
/RC/		System as described in Cable Data ad.	

Examiner Signature	/Robert Chevalier/	Date Considered	03/16/2007
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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	50688/WWM/S787
Application Number	10/616,137
Filing Date	July 9, 2003
Applicant(s)	Patrick Young, et al.
Group Art Unit	2615
Examiner Name	To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
/RC/		4,706,121	11-10-1987	Young
/RC/		4,751,578	06-14-1988	Reiter et al.
/RC/		4,908,713	03-13-1990	Levine
/RC/		5,151,789	09-29-1992	Young
/RC/		B 14,977,455	04-13-1993	Young
/RC/		5,596,361	01-21-1997	Martinez

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
/RC/		JP2838892	12-12-1989	Shimoide	✓
/RC/		JP6061935	09-04-1985	Hashimoto	Abstract
/RC/		JP10247344	09-14-1998	Shimoide	✓

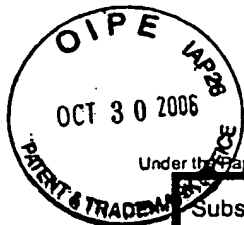
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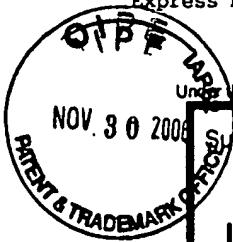
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/RC/		4,894,789	01-16-1990	Yee	
/RC/		5,172,111	12-15-1992	John W. Olivo	
/RC/		5,335,277	08-02-1994	Harvey et al.	

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/RC/	7.	GB 1 370 535	10-16-1974	British Broadcasting Corp.	
/RC/	9.	JP 61-109379	05-27-1986	Hitachi Ltd.	
/RC/	11.	JP 61-227486	10-09-1986	NEC Corporation	
/RC/	13.	DE 35 27 939	02-12-1987	Westdeutscher Rundfunk	
/RC/	15.	JP 62-49528	03-04-1987	Toshiba Corp.	
/RC/	17.	JP 62-60384	03-17-1987	Casio Comput Co Ltd.	
/RC/	19.	JP 62-198768	12-17-1987	Toshiba Corp.	
/RC/	21.	JP 63-141467	06-13-1988	Matsushita Graphic Communsys Inc.	
/RC/	23.	JP 63-247812	10-14-1988	NEC Corp.	
/RC/	25.	JP 63-299582	12-07-1988	Fujitsu General Ltd.	
/RC/	27.	JP 1-150928	06-13-1989	Nippon Electric Co.	
/RC/	29.	JP 1-212986	08-25-1989	Fujitusu General Inc.	
/RC/	31.	JP 02-189753	07-25-1990	Sanyo Electric Co. Ltd.	
/RC/	33.	EP 0 447 968	09-25-1991	RCA Licensing Corporation	
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/RC/		Philips Consumer Electronics, Users Manual			
/RC/		Philips Consumer Electronics, Users Manual, MatchLine 28DC2070, 33DC2080.			
/RC/		Page 12 of Phillips TV 21SL5756/00B User Manual			
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/RC/		4,855,833	08-08-1989	Kageyama et al.	

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